



AMATEUR RADIO DIGITAL COMMUNICATIONS

ARDC Community Meeting

7 March 2026

Agenda

- Welcome & Housekeeping
- New Board & Volunteers
- 2025 Recap
- Looking Ahead for 2026
- Q&A



Youngsters On The Air (YOTA)

Housekeeping



- This session is being 📍 recorded
- Questions in the chat window please!
- Mute yourself if not presenting
- All materials will be posted after the call

*"mop and bucket on silver" by Andy M Johnson is
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Board & Volunteer Updates

New Board Member



Harald Welte

Board Member Updates



Secretary
Keith Packard – K7WQ



Past Secretary
John Gilmore – W0GNU

The Crew! (mostly)



2026 New Committee Members

GAC

- Rob Warren – *VE3RWQ*
- Phil Flack – *N4MT*
- Paul Andrews – *W2HRO*
- Tim Annable – *WW8L*

TAC

- Cara Salter – *NA1CL*
- Mickey Kappes – *KO6DOT*
- Stewart Bryant – *G3YSX*

GET

- Jim Idelson – *K1IR*
- Tithira Jayasekera – *4S6TKA*



NEW: Grants Communications Team

GCT

- **Staff Lead:** Adam Zimmel – *W0ZML*
- Jayadevan Gurubalan – *VU33JD*
- Steve Stroh – *N8GNJ*
- James Ewing – *KC1UDQ*
- Stuart Murray – *NV4T*



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2025 Departures

GAC

- Bill Thomas – *WT0DX*
- Brian Mileschosky – *N5ZGT*
- Jim Idelson – *K1IR*
- Kristin Paget – *NC0DD*

GET

- Dan Romanchik – *KB6NU*

TAC

- Zachary Seguin – *VA3ZTS*
- Rich Gopstein – *KD2CQ*
- Dan Theisen – *WI7FI*
- Diego Casati – *VE6DPC*

ardc.net/about/who-we-are/



Volunteer Alumni Network

ARDC Alumni?

Interested in joining?

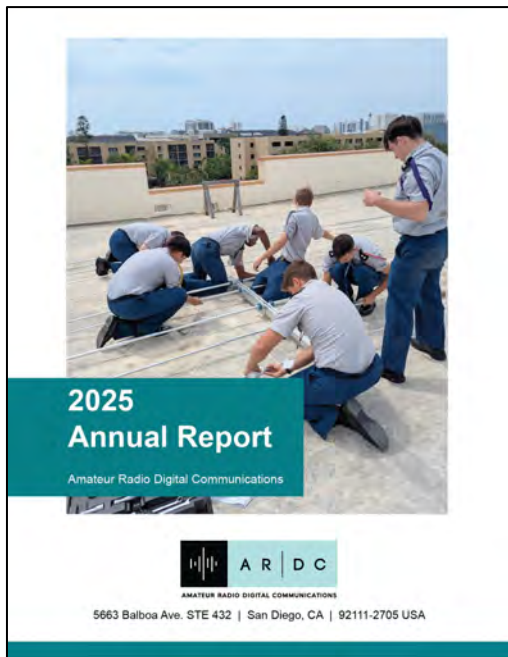
Contact giving@ardc.net



*Bill Thomas WT0DX
Volunteer Alumni Network Liaison*



2025 Annual Report



- Vision, Strategy, Priority Areas for Funding
- Grants (incl. GET findings)
- Tech & 44Net (incl. 44Net Connect)
- Operations
- New Board Members
- Communications/Outreach

ardc.net/about/news-and-updates/



Vision Statement

A thriving global community of learners, experimenters, and contributors advancing freedom with open source communication and information technology.

ardc.net/about/vision/



Strategic Approach

**Promote
Learning**

**Promote
Experimenting**

**Promote
Doing**

44Net



Community activity growing

Nearly 100 volunteers supporting 44Net

- Regional Coordinators worldwide
- Portal ticket handlers
- Technical Advisory Committee

Example contributions to 44Net and beyond

- Dan K2IE — IPIP Mesh for OpenWRT
- Mark NI2O — Documentation and user support
- Dan WI7FI — Ethernet over LoRA experiments



Portal development

Community

3

New contributors

Development

15

Enhancements

Key Integration

SSO

For other apps

Portal: <https://portal.ampr.org/>

Source: <https://git.ampr.org/ardc/44net-portal>



44Net Connect

<https://connect.44net.cloud/>

First six weeks:

Adoption

643

Tunnels + Subnets

New Participation

444

First-time users

Contributors

Adam Lewis KC7GDY, Zachary Seguin VA3ZTS, John Hays K7VE SK
Technical Advisory Committee (TAC), and ARDC Tech Team



IPIP Mesh gateway

Joint effort between ARDC and CAIDA at UCSD:

- VM infrastructure replaced aging bare metal
- FreeBSD gateway migrated to VM
- Linux implementation underway, expected soon

Contributors

Tim KC6GNJ, Jof K6BGP, Zachary VA3ZTS,
Dan, Victoria, and KC at the UCSD Supercomputer Center, and ARDC Tech Team



44 Years of 44Net

September 1981
Assigned Numbers

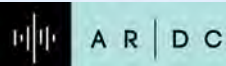
Network Numbers

036.rrr.rrr.rrr	SU-NET	Stanford University Ethernet	[MRC]
037.rrr.rrr.rrr	DECNET	Digital Equipment Network	[DRL]
038.rrr.rrr.rrr	DECNET-TEST	Test Digital Equipment Net	[DRL]
039.rrr.rrr.rrr	SRINET	SRI Local Network	[GEOF]
040.rrr.rrr.rrr	CISLNET	CISL Multics Network	[CH2]
041.rrr.rrr.rrr	BBN-LN-TEST	BBN Local Network Testbed	[KTP]
042.rrr.rrr.rrr	SI-NET	LLL-SI-NET	[EAK]
043.rrr.rrr.rrr	INTELPOST	COMSAT INTELPOST	[DLM1]
044.rrr.rrr.rrr	AMPRNET	Amature Radio Experiment Net	[HM]
044.rrr.rrr.rrr-126.rrr.rrr.rrr		Unassigned	[JBP]
127.rrr.rrr.rrr		Reserved	[JBP]

Class B Networks

Internet Address	Name	Network	References
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128.000.rrr.rrr		Reserved	[JBP]
128.001.rrr.rrr-128.254.rrr.rrr		Unassigned	[JBP]
191.255.rrr.rrr		Reserved	[JBP]

Class C Networks



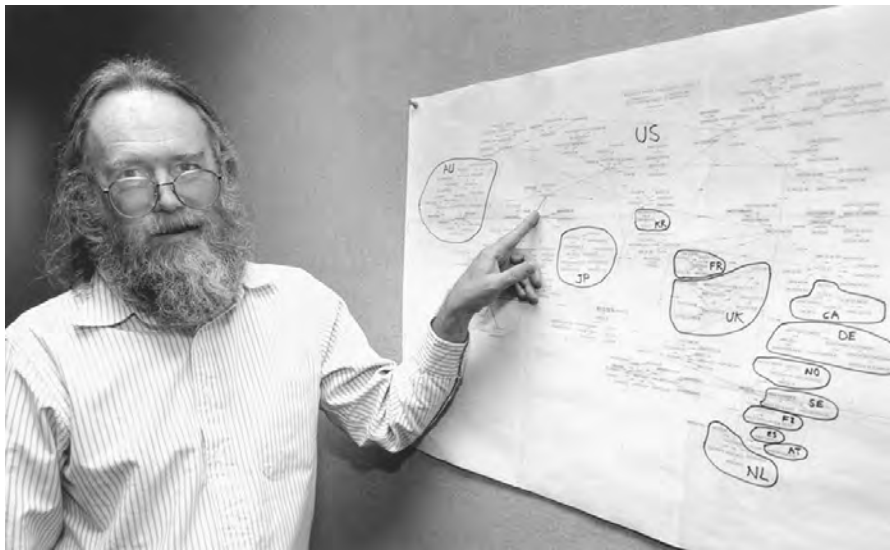
44 Years of 44Net (cont'd)

44Net fun facts

- ARDC's social media pages
- Weekly through September

Got memories to share?

- comms@ardc.net



*Jon Postel, a key contributor to 44Net's history. Photo CC-BY-SA
Wikimedia Commons*

ARDC is now on YouTube!



- Launched in September 2025
- First video: ***The 44Net Origin Story***

youtube.com/@ARDC73



Ways to get involved

Volunteer: Regional Coordinator, Ticket Handler, TAC

Participate: Join a project, start a project!

ardc.groups.io • wiki.ampr.org

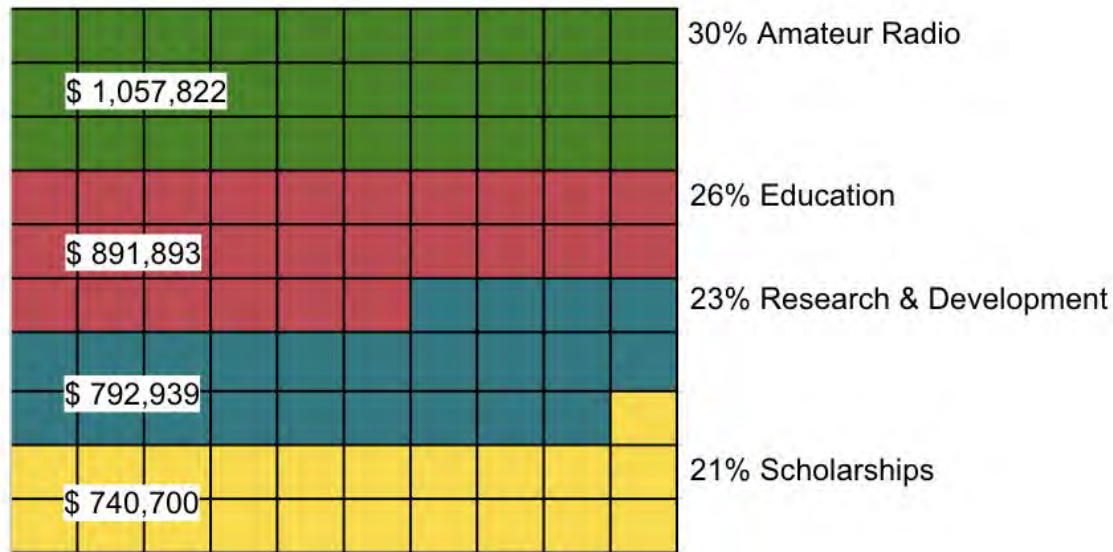
contact@ardc.net



44Net Q&A

Grants

2025 Grants Update



Number of grants made in 2025:

79 Grants

Dollars approved in 2025:

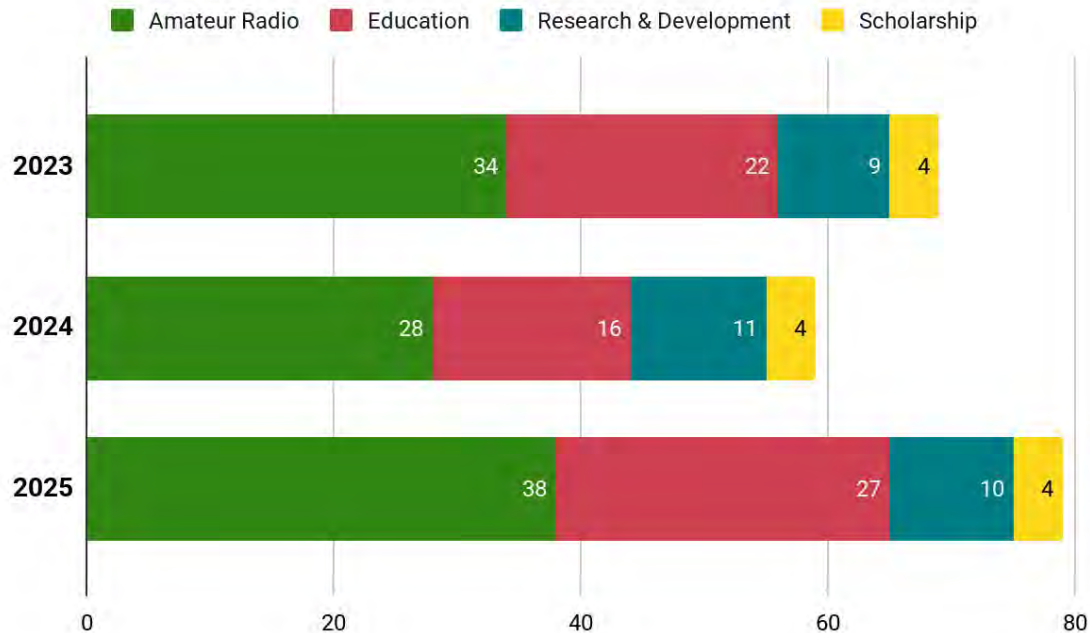
\$3.4 Million*

Number of people impacted:

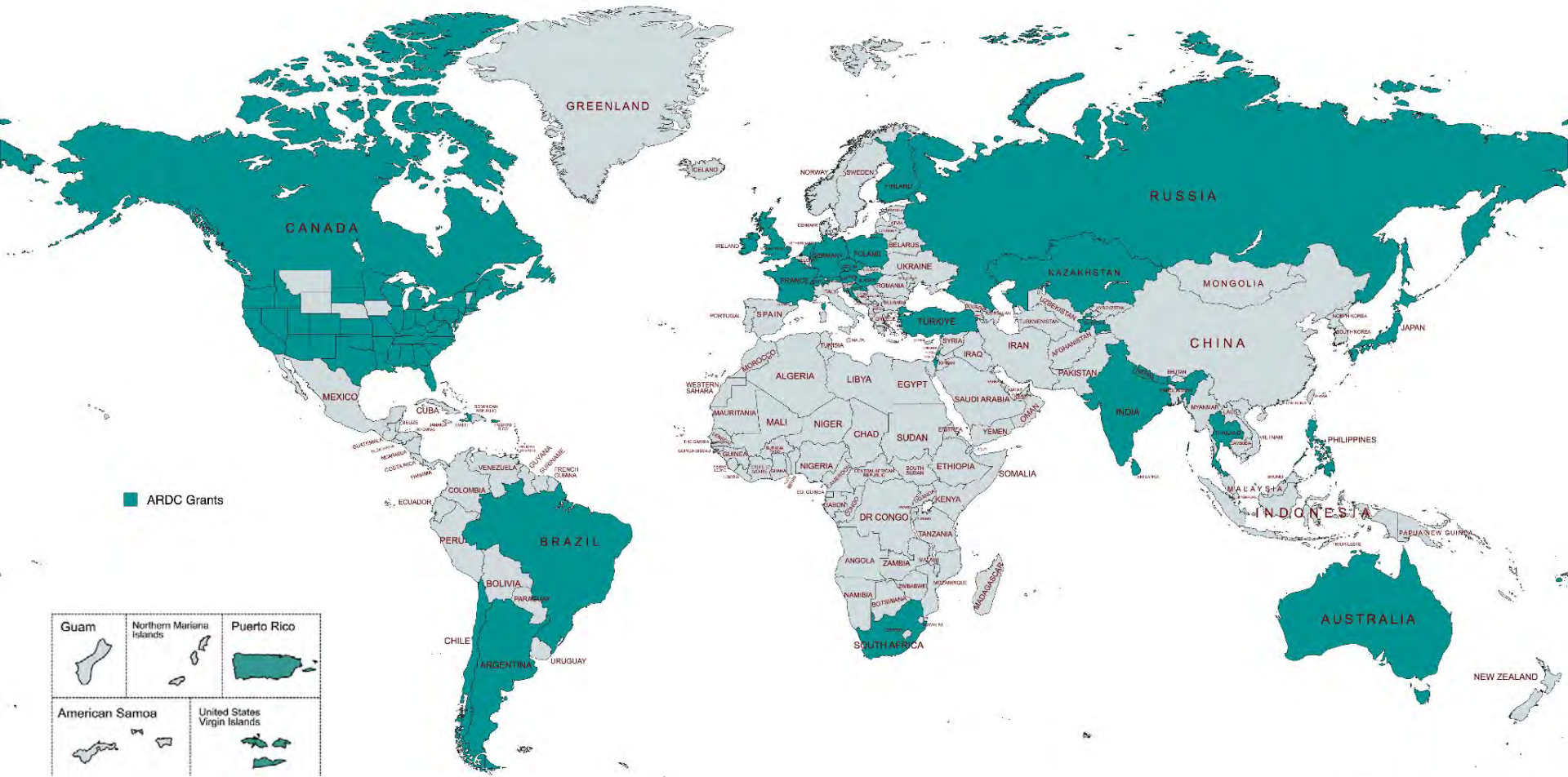
~16,718 People

**Final totals will be provided in 2025 audited financials*

Grants Awarded by Category



- More grants than last year, fewer dollars per project
- Median grant size dropped from \$27,000 to \$19,600

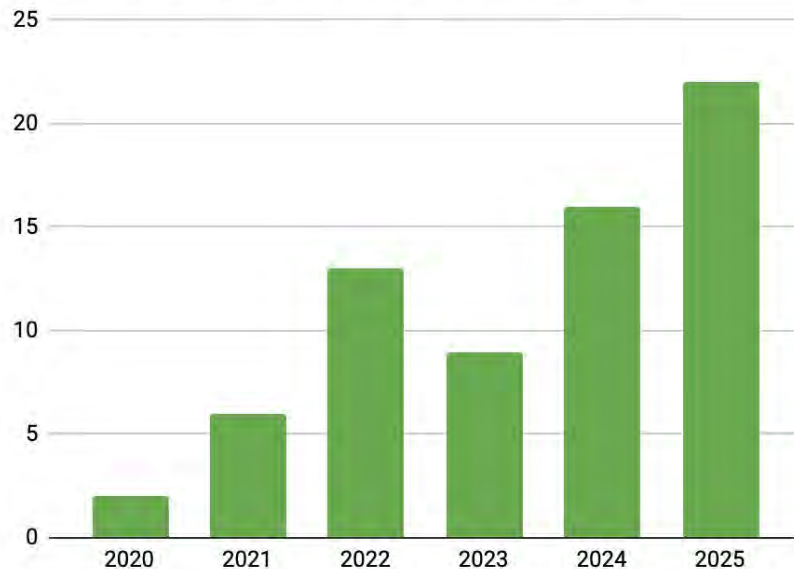


All-Time Geographic Reach

International reach

- Grants outside of the US now make up 28% of our portfolio.
- It's easier for us to give internationally.
- Continuous outreach needed.

Number of International Projects Funded



Grants: Amateur Radio

The Butler County Amateur FM Association (BCAFMA) is a club north of Pittsburgh, Pennsylvania who received a \$7,000 grant to replace their duplexer.



Butler County Amateur FM Association

Grants: Education



Sarasota Military Academy

Sarasota Military Academy received a \$29,875 grant to offer amateur radio as an elective course.



Grants: R&D

Deep Space Exploration Society received a \$50,090 grant to conduct a Venus signal bounce experiment on the 23 cm wavelength band.



Deep Space Exploration Society

Grants: Scholarships



Society of Women Engineers (SWE)

Society of Women Engineers (SWE) received a \$146,200 grant to support 35 scholarships in the USA and India, as well as to support a community college program.

Grants Evaluation Team Findings



- **84% of projects were clearly successful**
- 4 projects had unclear outcomes, all R&D outcomes were accounted for
- More competitive process $\neq$ higher success rate
- New report coming soon!

Priority Areas for Funding

- **Research & Development:** open source, solves real problems and technical needs
- **Space-Based Communication:** New or enhanced satellite comms technology & education
- **Open Source Education:** Filling in gaps for amateur radio & digital comms resources



AMSAT: <https://www.amsat.org/>

BuzzSat: <https://buzzsat.com/>

Looking to apply in 2026?

Check out the application deadlines

- April 1
 - July 1
 - September 1
- (General & scholarship programs)*



Information: ardc.net/apply/

Apply: grants.ardc.net

Q & A – Grants

Looking Ahead - 2026

- Volunteer Alumni Network
- Grants Communication Team (GCT)
- Educational Resource Center (ERC)
- 44Net: Community governance focus

Come see us at Dayton Hamvention!

May 15-17, 2026

Xenia, OH



Rhizomatica at Hamvention 2025

Recognizing ARDC's First Donors



West Seneca Christian School

Anonymous

Dave Ginsberg N3BKV

Clint Bradford

ardc.net/about/make-a-donation-to-ardc/



Q & A – Last Call!

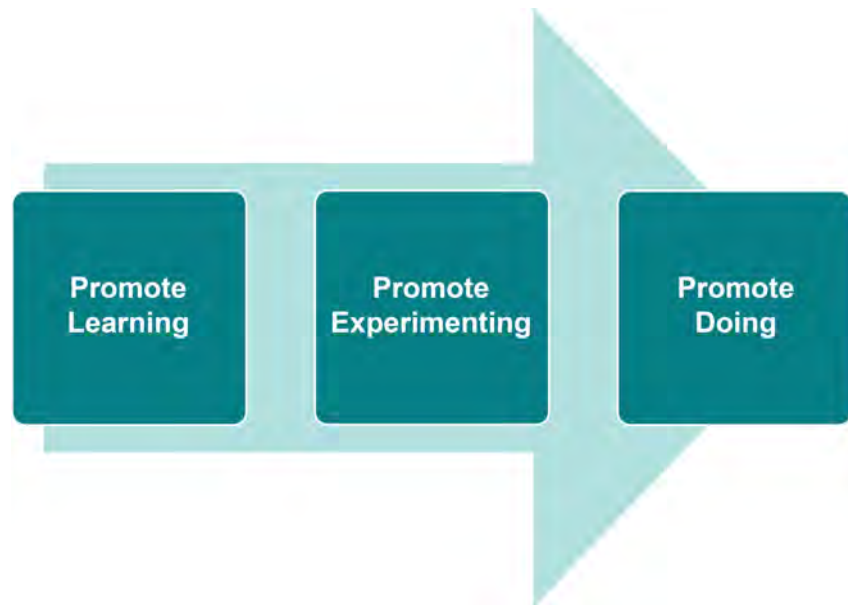
Join in!

Experiment with 44Net!

- Get IPv4 addresses at portal.ampr.org
- 44Net Connect: <https://connect.44net.cloud/>

Learn and **Do** by getting involved with projects from our grantees

Apply for a grant at grants.ardc.net





AMATEUR RADIO DIGITAL COMMUNICATIONS

Thank you!

Reach out any time: contact@ardc.net